

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18853	(locat\$3 position coordinat\$3) NEAR5 (laser emit\$4 radiat\$3 beam light \$2luminat\$3) WITH (image picture frame) AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 08:29
L2	3259	(locat\$3 position coordinat\$3) NEAR5 (laser emit\$4 radiat\$3 beam light \$2luminat\$3) WITH (image picture frame) AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).ccls. AND (radiation laser light) WITH (scatter\$3 particle smok \$3) SAME (\$3imag\$3 pictur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 08:31
L3	173	L2 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336-338,369,438,439, 382/100,325).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 08:33
L4	3757	(locat\$3 position coordinat\$3) NEAR5 (source emitter diode led bulb) NEAR3 (laser emit\$4 radiat\$3 beam light \$2luminat\$3) WITH (image picture frame) AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 08:47
L5	103	L4 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336-338,369,438,439, 382/100,325).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 08:51
S1	1	10/556807.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 15:05
S5	121	(KNOX-RON\$, BOETTGER-KARL\$, MEIKLE-PETER\$, ALEXANDER-BRIAN \$).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 09:13
S6	1	10/556807.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 10:49

S7	121	(KNOX-RON\$, BOETTGER-KARL\$, MEIKLE-PETER\$, ALEXANDER-BRIAN \$).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 10:49
S8	17	S7 AND ((radiation laser light) AND (scatter\$3 particle smok\$3)) NOT S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 10:49
S9	3	("3924252"   "5576697"   "5696379").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/03 10:54
S10	7046	(radiation laser light) WITH (scatter\$3 particle smok\$3) SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 12:14
S11	349	(radiation laser light) WITH (detect\$3 recogni\$5 locat\$3 position coordinate point) WITH (scatter\$3 particle smok\$3) SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 12:23
S12	9	S11 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336-338,369,438,439, 382/100,325).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 12:25
S13	362	(radiation laser light) SAME (detect\$3 recogni\$5 locat\$3 position coordinate point) WITH (scatter\$3 particle smok\$3) SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 13:20
S14	349	(radiation laser light) WITH (detect\$3 recogni\$5 locat\$3 position coordinate point) WITH (scatter\$3 particle smok\$3) SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 13:21

S15	9	S14 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336-338,369,438,439, 382/100,325).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 13:21
S16	0	S14 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336-338,369,438,439, 382/100,325).ccls. NOT S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 13:21
S17	52	S13 AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).ccls. NOT S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 13:22
S18	1	(radiation laser light) SAME (detect\$3 recogni\$5 locat\$3 position coordinate point) WITH (scatter\$3 particle) WITH smok\$3 SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modul\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:48
S19	11	(radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modul\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:50
S20	138	(radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modul\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:50
S21	1	10/556807.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:51
S22	136	S20 NOT (S15 S17 S21)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:51

S23	42	S22 AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).ccls. NOT S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:52
S24	95	(radiation laser light) SAME (smok\$3 dust\$3) SAME scatter\$5 SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:55
S25	29	S24 AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).ccls. NOT (S15 S17 S21)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:57
S26	63	S24 NOT (S15 S17 S21 S25)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 15:06
S27	17	("3406289"   "3447370"   "3566385"   "3683352"   "3711210"   "3723746"   "3788742"   "3820901"). PN. OR ("3924252").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/05 11:54
S28	5	("2002/0135490").URPN.	USPAT	OR	ON	2009/03/05 11:58
S29	5436	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME (ceas\$3 stop\$3 halt\$3 terminat\$3) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 13:59
S30	5	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME (ceas\$3 stop\$3 halt\$3 terminat\$3) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:04
S31	18	S29 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336- 338,369,438,439, 382/100,325).ccls. NOT S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:08
S32	1151	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME ((turn\$3 swith\$3) NEAR3 (off out)) WITH (emit\$4 radiat \$3 beam light \$2lluminat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:22

S33	0	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME ((turn\$3 swith\$3) NEAR3 (off out)) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) NOT (S30 S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:23
S34	1	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME ((turn\$3 switCh\$3) NEAR3 (off out)) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) NOT (S30 S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:24
S35	1	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME ((turn\$3 switch\$3) NEAR3 (off out)) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) NOT (S30 S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:25
S36	6	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME ((turn\$3 switch\$3 shut\$4) NEAR3 (off out)) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3) AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336-338,369,438,439, 382/100,325).ccls. NOT (S30 S31 S35)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:27
S37	1647	(mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME (ceas\$3 stop\$3 halt\$3 terminat\$3 (turn\$3 switch\$3 shut\$4) NEAR3 (off out)) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3) AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$). ccls. NOT (S30 S31 S35 S36)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:32
S39	1	S37 AND (emit\$4 radiat\$3 beam light \$2lluminat\$3 laser) SAME smok\$3 SAME (\$3imag\$3 pictur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:35

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